

PATENT  
Customer No. 22,852  
Attorney Docket No. 09700.0060

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
Malte WEDEL et al.	)	Group Art Unit: 2171
Application No.: 10/672,073	)	Examiner: Unknown
Filed: September 26, 2003	)	Confirmation No.: 4686
For: REPRESENTING HIERARCHICAL LIST DATA	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REVOCATION OF POWER OF ATTORNEY  
AND GRANT OF NEW POWER OF ATTORNEY**

The undersigned, a representative authorized to sign on behalf of the assignee owning all of the interest in this patent application, hereby revokes all previous powers of attorney or authorization of agent granted in this application before the date of execution hereof. The undersigned verifies that **SAP AKTIENGESELLSCHAFT** is the assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment from the inventors recorded at the U.S. Patent and Trademark Office at **Reel 014358, Frame 0281**. The undersigned certifies that the evidentiary documents have been reviewed and to the best of the undersigned's knowledge and belief, title is in the assignee **SAP AKTIENGESELLSCHAFT**.

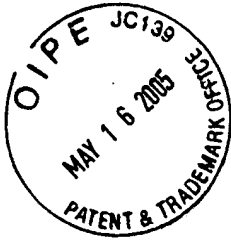
The undersigned hereby grants its power of attorney to **FINNEGAN,  
HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., Customer  
Number 22,852**, to prosecute this application and to transact all business in the Patent  
and Trademark Office connected therewith, and to receive the Letters Patent.

Please send all future correspondence concerning this application to:

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.  
Customer Number 22,852  
901 New York Avenue, NW  
Washington, DC 20001

Dated: May 9, 2005

By:   
ppa. Guenther Schmalz  
IP Director EMEA  
SAP Aktiengesellschaft



IFW

PATENT  
Customer No. 22,852  
Attorney Docket No. 09700.0060

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Malte WEDEL et al. ) Group Art Unit: 2127  
)  
Application No.: 10/672,073 ) Examiner: Unknown  
)  
Filed: September 26, 2003 )  
)  
For: REPRESENTING HIERARCHICAL ) Confirmation No.: 4686  
LIST DATA )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**CHANGE OF CUSTOMER NUMBER AND CORRESPONDENCE ADDRESS**

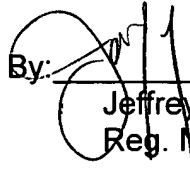
Effective immediately, please make the following changes concerning all future correspondence with respect to the above-identified patent application:

Customer No.: 22,852  
Attorney Docket No.: 09700.0060-00000  
Telephone: (202) 408-4000  
Facsimile: (202)-408-4400

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: May 15, 2005

By:  \_\_\_\_\_  
Jeffrey A. Berkowitz  
Reg. No. 36,743



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
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\*700067374\*

FEBRUARY 24, 2004

PTAS

FISH & RICHARDSON P.C.  
HANS TROESCH  
500 ARGUELLO STREET, SUITE 500  
REDWOOD CITY, CALIFORNIA 94063

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/19/2004

REEL/FRAME: 014358/0281  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
WEDEL, MALTE

DOC DATE: 02/16/2004

ASSIGNOR:  
ROESSLER, ANDREAS

DOC DATE: 02/16/2004

ASSIGNEE:  
SAP AKTIENGESELLSCHAFT  
NEUROTSTRASSE 16  
69190 WALLDORF, FED REP GERMANY

SERIAL NUMBER: 10672073  
PATENT NUMBER:

FILING DATE: 09/26/2003  
ISSUE DATE:

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ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

02/19/2004 17:25 FAX 6508395071

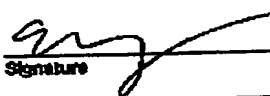
FISH &amp; RICHARDSON

02/19/2004

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Substitute Form PTO-1586  
 Attorney Docket No.: 13913-105001  
 Client's Ref. No.: 2003P00320 US

# RECORDATION FORM COVER SHEET PATENTS ONLY

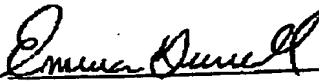
Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): <b>Malte Wedel and Andreas Roessler</b> Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): <b>SAP AKTIENGESELLSCHAFT</b> <b>Neurotstrasse 16</b> <b>69190 Walldorf</b> <b>Germany</b>  Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: 02/16/2004	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): <b>10/672,073</b> B. Patent No(s):  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: <b>HANS TROESCH</b> <b>Fish &amp; Richardson P.C.</b> <b>500 Arguello Street, Suite 500</b> <b>Redwood City, California 94063</b>	6. Total number of applications/patents involved: 1  7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account.  8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>	
Elissa Y. Wang Reg. No. 48,688 Name of Person Signing	 Signature
	2-19-04 Date
Total number of pages including coversheet, attachments and document: 3 pages	

50200305.doc

## CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

2/19/2004  
 Date of Transmission

  
 Signature

Emma Durrell  
 Typed Name of Person Signing Certificate

2004-02-19 10:00:00 105-2073

ASSIGNMENT

For valuable consideration, we, Malte Wedel and Andreas Roessler, hereby assign to SAP Aktiengesellschaft, a German Corporation, having a place of business at Neurottstrasse 16, D-69190 Walldorf, Germany, and its successors, and assigns (collectively, "the ASSIGNEE") our entire right, title and interest throughout the world in the inventions and improvements that are the subject of a patent document entitled

Representing Hierarchical List Data

and which is found in

U.S. patent application filed on 09/26/2003  
[ x ] under Application No. 10/672,073  
[ ] with Express Mail No. \_\_\_\_\_ (Application Number not yet known).

We authorize and request the attorneys of record or the attorney filing the application to insert into this assignment the filing date and serial number of the application when known.

This assignment includes the foregoing patent application or patent, all legal equivalents in any country, and all patents issuing from such legal equivalents; all patents, utility models, and design registrations granted by any jurisdiction for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. We authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

We hereby state and agree that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with this assignment.

We further agree for ourselves and our respective heirs, legal representatives, and assigns to provide to the Assignee promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions and improvements or said patents and legal equivalents as may be known and accessible to us and to testify as to the same in any interference, litigation, or proceeding relating thereto; and we agree promptly to perform such lawful acts and to sign such further applications, assignments, statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Inventor's Signature

Malte Wedel

Date

16.2.2004

Witnessed by:

Signature

WERNER BÄCHLE

Print Name

Inventor's Signature

Andreas Roessler

Date

16<sup>th</sup> February 2004

Witnessed by:

Signature

Gornicki

Print Name